

10/577057

Docket No: 740756-2956
AP20 Rec'd JUN 10 24 APR 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re New Patent Application of)
Yohei KANNO, et al.)
International Application No. PCT/JP2004/016797)
International Filing Date: November 5, 2004)
For: SEMICONDUCTOR ELEMENT, METHOD)
FOR MANUFACTURING THE SAME, LIQUID)
CRYSTAL DISPLAY DEVICE, AND METHOD)
FOR MANUFACTURING THE SAME) Date: April 24, 2006

INFORMATION DISCLOSURE STATEMENT

United States Patent and Trademark Office
Customer Window,
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. In accordance with the PTO notice dated July 11, 2003, waiving the requirement under 37 CFR 1.98 (a)(2)(i) for submitting copies of each cited U.S. Patent, for all U.S. national patent applications filed after June 30, 2003, no copies of U.S. Patents are enclosed. However, copies of foreign patents and non-patent literature are submitted under 37 CFR 1.98(a)(2).

**Japanese Patent Application Laid-Open No. 2003-234355 is in the
same family as U.S. Patent No. 6,855,957.**

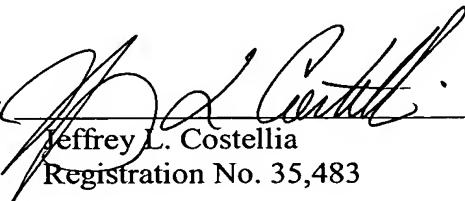
**Japanese Patent Application Laid-Open No. 2003-318192 is in the
same family as U.S. Patent No. 6,908,796 and U.S. Patent No. 2003-0219934.**

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It is requested that the accompanying PTO-1449 be considered and made of record in the above-identified application. To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

By:



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Substitute for form 1449A/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				577057	
Sheet	1	of	1	Application Number	Not Yet Assigned
				Filing Date	April 24, 2006
				First Named Inventor	Yohei KANNO, et al.
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	740756-2956

U.S. PATENT DOCUMENTS					
Examiner Initials [*]	Cite No. ¹	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (<i>if known</i>)			
		US-6,855,957 B1	02/15/2005	Yamazaki et al.	
		US-6,908,796 B2	06/21/2005	Furusawa	
		US-2003-0219934 A1	11/27/2003	Furusawa	
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials [*]	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ (<i>if known</i>)				
		JP 02-000025	01/05/1990	Okubo		Abstract
		JP 06-275645	09/30/1994	Mitani et al.		Full
		JP 2003-126760	05/07/2003	Asuke		Abstract
		JP 2003-234355	08/22/2003	Yamazaki et al.		Abstract
		JP 2003-318192	11/07/2003	Furusawa		Abstract
		UK 2 211 992 A	07/12/1989	Watanabe et al.		Full
		WO 2005-048223 A1	05/26/2005	Kanno et al.		Full

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
		International Search Report for PCT/JP2004/016797 dated February 1, 2005.			
		Written Opinion of the International Searching Authority for PCT/JP2004/016797 dated February 1, 2005.			

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.